

# APCD USER WORKGROUP

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September 24, 2019

# Agenda

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- Announcements:
  - APCD Release 8.0 Updates
  - FY18 Case Mix Release Updates
- Future Website Updates
- Application Reminders
- User Support Questions
- Q&A

# MA APCD Release 7.0

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- Available NOW
- Encompasses data from January 2013 – December 2017 with six months of claim runout (includes paid claims through 6/30/18)
- Release Documentation and Data Specifications have been posted to the website: <http://www.chiamass.gov/ma-apcd/>
- Apply now by listing 2017 (and any other years you want from Release 7.0) in the “Years Requested” section of the current application form

Available here: <http://www.chiamass.gov/application-documents>

# MA APCD Release 8.0

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- Available **Winter 2019/2020**

**\*\*Please hold off on submitting Release 8.0 requests for now\*\***

- Will encompass data from January 2014 – December 2018 with six months of claim runout (includes paid claims through 6/30/19)
- Will be linkable to Release 7.0 via crosswalk
- Additional information on highlights and enhancements will be presented in future APCD User Workgroups.

# Case Mix FY18 Release

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\*CURRENT\* RELEASE TIMEFRAMES FOR EACH FILE:

- Inpatient (HIDD)  
**Mid-September** [Shipping Now]
- Emergency Department (ED)  
**Late September**
- Outpatient Observation (OOD)  
**Late September**



# COMING SOON: Website Release Updates

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- Release updates on APCD and Case Mix data release will soon be on the CHIA website.
- Aiming to provide updates weekly or bi-weekly (more frequent updates closer to the release date)
- What kinds of information would users like to see?
  - ✓ Current estimated release date?
  - ✓ Where in the release “roadmap” is CHIA currently?
  - ✓ How many data requests are currently in the fulfillment queue?
  - ✓ Other information?



# APPLICATION REMINDERS

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# Fee Waiver Request Reminders

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1. If you're submitting a request for a fee waiver, remember to include the fee remittance form in your application package on IRBNet.
2. Remember to submit supporting documentation (if required).
3. If you're requesting a financial hardship waiver, remember to submit information detailing your project's financial situation (examples: project budget, grant funding, organizational / departmental funding). Also request to pay a specific price that you reasonably believe you're able to afford to contribute.
4. CHIA generally does not offer full financial hardship fee waivers. We expect all applicants to have made an attempt to find funding to cover the full cost of the data fees.
5. Fee waiver requests can take some time to process – especially financial hardship requests.

# USER QUESTIONS

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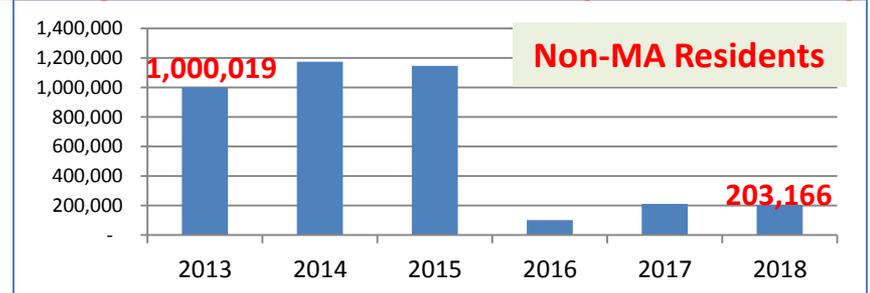
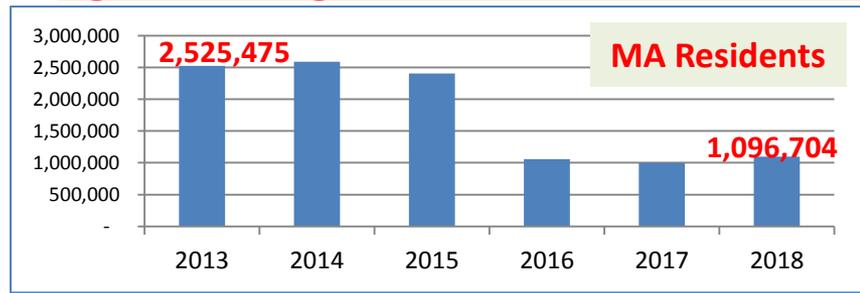
**Question:** Did the downward shift in self-insured enrollees due to *Gobeille v. Liberty Mutual* have a higher impact on MA residents or non-MA residents in the MA APCD Release 7.0?

**Answer:** While the volume of MA residents in MA APCD remains higher than non-MA residents (see Fig. 1 below), a distinct count of MEIDs in the Member Eligibility file stratified by MA residency and APCD ID Code enrollment categories reveals a larger proportional drop in self-insured non-MA residents than self-insured MA residents (see Table 1 below).

**Table 1. ME File Distribution of Distinct MEIDs by APCD ID Code Enrollee Category and MA Residency**

APCD ID CODE	2013	2014	2015	2016	2017	2018
Unknown / Not Applicable - MA	22.796%	24.394%	25.188%	29.939%	30.387%	27.398%
Unknown / Not Applicable - not MA	1.479%	1.111%	1.163%	0.885%	1.424%	2.125%
Fully-Insured Commercial Group - MA	24.279%	23.504%	23.256%	27.338%	27.540%	25.757%
Fully-Insured Commercial Group - not MA	7.500%	6.948%	6.205%	7.737%	8.029%	7.921%
<b>Self-Insured Group Enrollee - MA</b>	<b>18.154%</b>	<b>17.839%</b>	<b>16.634%</b>	<b>8.917%</b>	<b>8.240%</b>	<b>7.965%</b>
Self-Insured Group Enrollee - not MA	7.189%	8.084%	7.932%	<b>0.843%</b>	<b>1.735%</b>	<b>1.475%</b>
Group Insurance Commission - MA	2.819%	2.932%	2.601%	3.667%	2.951%	2.582%
Group Insurance Commission - not MA	0.257%	0.270%	0.173%	0.355%	0.214%	0.196%
MassHealth Managed Care Organization - MA	12.746%	12.101%	12.633%	16.405%	15.020%	14.629%
MassHealth Managed Care Organization - not MA	0.156%	0.151%	0.157%	0.217%	0.178%	0.245%
Supplemental Policy Enrollee - MA	2.389%	2.342%	2.857%	2.601%	3.155%	2.913%
Supplemental Policy Enrollee - not MA	0.233%	0.215%	0.759%	0.172%	0.326%	0.303%
Integrated Care Organization or Senior Care Option - MA	0.004%	0.110%	0.439%	0.789%	0.797%	0.747%
Integrated Care Organization or Senior Care Option - not MA	0.000%	0.000%	0.002%	0.004%	0.004%	0.004%
Accountable Care Organization - MA	0.000%	0.000%	0.000%	0.131%	0.000%	5.717%
Accountable Care Organization - not MA	0.000%	0.000%	0.000%	0.000%	0.000%	0.025%
<b>TOTAL DISTINCT MEMBER LINK EIDS</b>	<b>13,911,141</b>	<b>14,516,889</b>	<b>14,452,024</b>	<b>11,831,014</b>	<b>12,085,306</b>	<b>13,769,718</b>

**Figure 1. Change in Annual Volume of Self-Insured Group Enrollee Distinct MEIDs by MA Residency**

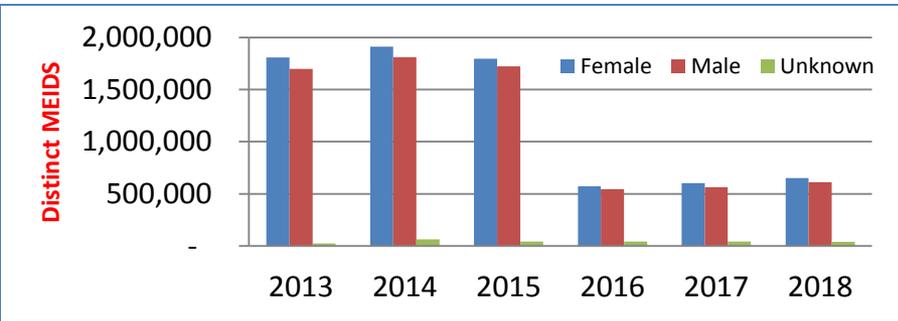


# Question: Did the downward shift in self-insured enrollees due to *Gobeille* vs. *Liberty Mutual* have a higher impact on any specific gender group?

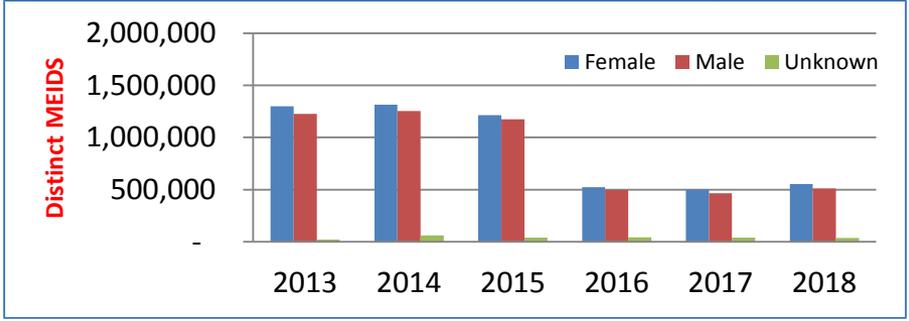
**Answer:** No, it did not. In evaluating the total volume of distinct MEIDS in the MA APCD Release 7.0 Member Eligibility file for all self-insured enrollees by gender regardless of state of residency (*see Fig. 1 below*), the percent drop for females from calendar year 2015 to calendar year 2016 was 68.1% vs 68.4% for males. State residency did not meaningfully impact the difference between males and females. For MA residents (*see Fig. 2 below*), the decrease was 56.9% for females vs. 57.7% for males. For non-MA residents (*see Fig. 3 below*), the decrease was 91.6% for females vs. 91.3% for males.



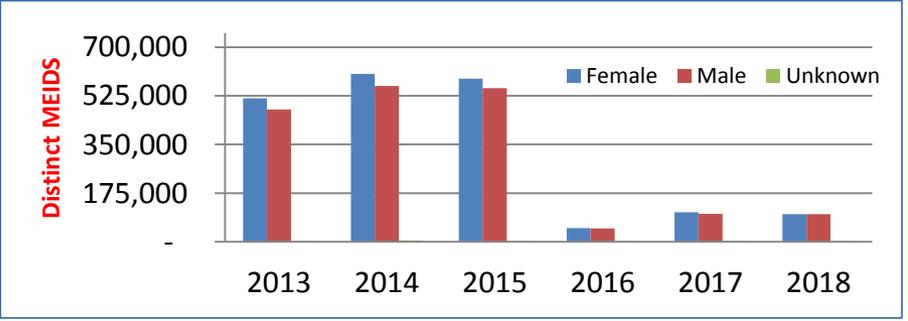
**Fig 1. Distinct MEID Count for All Self-Insured Enrollees by Gender\***



**Fig 2. Count for MA Resident Self-Insured Enrollees by Gender\***

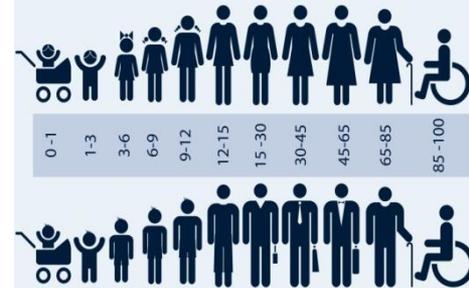


**Fig 3. Count for non-MA Resident Self-Insured Enrollees by Gender\***



\*Note: The gender category "Other" was not included due to self-insured enrollee volume < 11

# AGE GROUPS



## **Question:** Did the decrease in self-insured enrollees due to *Gobeille* vs. *Liberty Mutual* have a higher impact on any specific age group?

**Answer:** Yes, it did. In evaluating the total volume of distinct MEIDS in the MA APCD Release 7.0 Member Eligibility file for all self-insured enrollees by specific age group regardless of state of residency (*see Table 1 below*), the ages ranging from 28 to 47 years old had the highest decrease of 70% from calendar year 2015 to calendar year 2016 in comparison to other age groups. When limiting the self-insured enrollees to only Massachusetts residents (*see Table 2 below*), the ages ranged from 28 to 47 years old still had the highest decrease of 59% from 2015 to 2016.

**Table 1. Distinct MEID Count for All Self-Insured Enrollees by Age Group**

Age Group	2013	2014	2015	2016	2017	2018
7 and younger	304,831	325,864	305,809	106,104	101,932	129,648
8-17	456,781	500,447	468,567	186,745	171,162	202,102
18-27	596,448	650,344	621,327	214,921	213,406	247,596
28-37	536,289	586,625	552,700	169,585	183,615	218,846
38-47	538,745	577,554	541,745	163,449	166,594	190,293
48-57	574,861	621,260	584,528	188,423	184,226	209,701
58-67	398,562	426,269	410,935	145,255	144,364	165,270
68-77	97,678	98,829	88,152	42,273	41,926	46,274
78 and older	74,773	71,567	52,412	22,160	20,626	21,917

**Table 2. Distinct MEID Count for MA Resident Self-Insured Enrollees by Age Group**

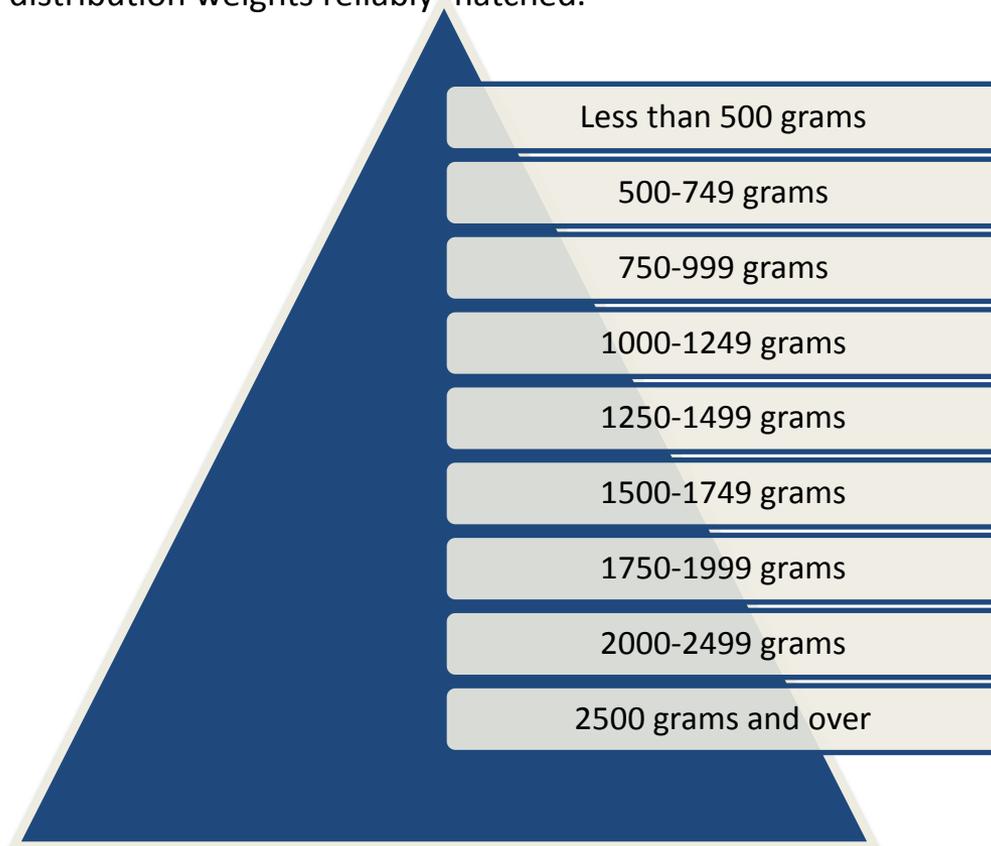
Age Group	2013	2014	2015	2016	2017	2018
7 and younger	212,651	222,190	207,198	96,704	83,030	110,817
8-17	316,600	338,394	314,569	170,366	139,817	171,749
18-27	436,886	458,172	432,400	198,886	181,054	215,658
28-37	387,896	408,975	373,189	154,119	147,875	182,702
38-47	371,949	381,615	349,829	145,921	130,366	154,191
48-57	411,629	428,316	397,594	170,848	152,252	177,417
58-67	304,387	313,844	299,691	133,955	125,285	146,448
68-77	80,826	79,831	70,142	40,414	39,182	43,537
78 and older	64,765	61,133	43,023	21,541	19,993	21,261

# BIRTH WEIGHT



**Question:** The Case Mix Inpatient Hospital Discharge Data contains birth weight and the MA APCD does not. We are applying for the MA APCD and, as part of our study, plan on running the data through a DRG grouping software program where birth weight would allow more accurate information on the severity and risk of mortality for newborns. Can we link the MA APCD to Case Mix to obtain birth weight?

**Answer:** For your purposes, since the intent is to distinguish the severity and risk of mortality for those newborns who are not normal birth weight, both ICD-9-CM and ICD-10-CM contain diagnosis codes that provide different weight increments in grams (see Figure 1 below). CHIA evaluated the use of birth weight codes on newborns in the MA APCD Release 7.0 Medical Claims file to the weight of newborns provided in the Case Mix Inpatient Hospital Discharge Data and found that the newborn distribution weights reliably matched.



**Fig. 1 - Newborn Weight Increments in grams contained in ICD-9-CM and ICD-10-CM diagnosis codes**

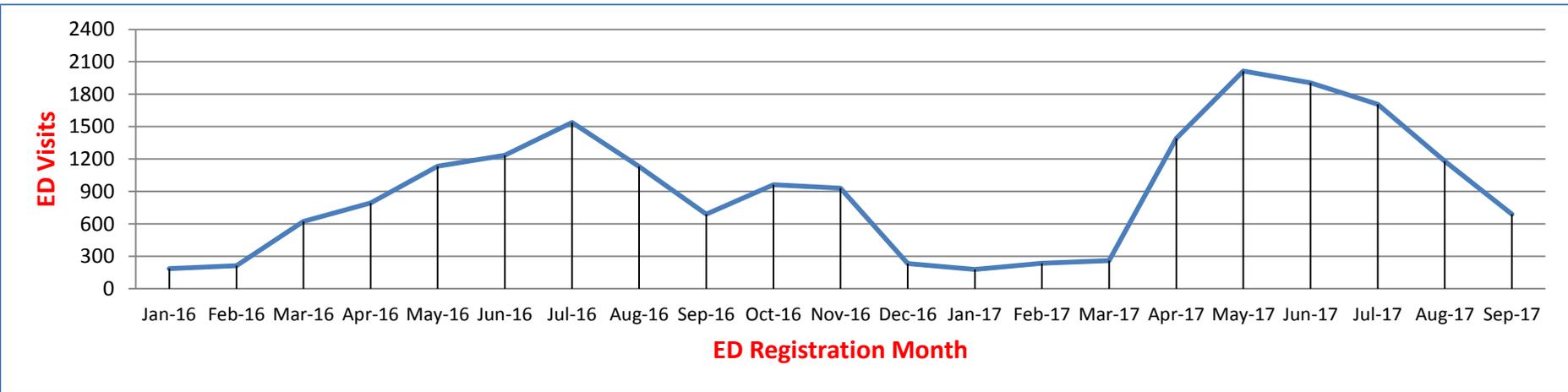
**Question:** We are preparing an application for the MA APCD to study the epidemiology of Emergency Department (ED) visits for insect bites and would like to know whether it is better to use the MA APCD for this study or the Case Mix Outpatient Emergency Department visit data?



**Answer:** If your study is limited to the ED visit alone without any evaluation of subsequent care coordination in other settings or reimbursement factors, then your best choice would be choice would be to apply for the Outpatient ED visit data, which contains all of the Medicare population and other payers (such as Worker’s Compensation) not included in the MA APCD LDS.

If your focus is limited to ED visits, the Case Mix Outpatient ED data is not impacted by Gobeille vs. Liberty Mutual and contains more consistently collected race and ethnicity data. While you do see a seasonal peak in ED visits for insect bites during the summer months (see Fig. 1 below), the downside of limiting your focus to the ED Visits would be the exclusion of the universe of insect bites seen and treated in the primary care setting which are available in the MA APCD.

**Fig. 1 – Casemix Outpatient Emergency Department Jan 2016 through Sept 2017 Seasonal Visit Fluctuation for Insect Bites**



# Where can I find old User Workgroup Presentations?

- <http://www.chiamass.gov/ma-apcd-and-case-mix-user-workgroup-information/>

## MA APCD and Case Mix User Workgroup Information

These webinar workgroups bring together users of CHIA's APCD and Case Mix data with CHIA's in-house data experts to discuss analytical techniques, data issues, and data quality. These webinars are also used for making announcements regarding data releases, enhancements, and features. Each meeting features a segment where CHIA staff answer common questions from data users and field live questions from webinar participants.

Please register for one or both of these separate registration links. All meetings take place on Tuesday afternoons at 3:00 p.m.

Case Mix Workgroup Registration
<b>NEXT MEETING</b> Tuesday, February 26, 2019
<a href="#">Case Mix Workgroup Registration</a>

MA APCD Workgroup Registration
<b>NEXT MEETING</b> Tuesday, March 26, 2019
<a href="#">MA APCD Workgroup Registration</a>

### Previous MA APCD / Case Mix Meeting Materials

Case Mix Tuesday, February 26, 2019

- Presentation (available shortly after the meeting)

MA APCD Tuesday, January 22, 2019

- Presentation (PDF) | PPT

# Questions?

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- Questions related to MA APCD:  
[apcd.data@state.ma.us](mailto:apcd.data@state.ma.us)
- Questions related to Case Mix:  
[casemix.data@state.ma.us](mailto:casemix.data@state.ma.us)

REMINDER: Please include your **IRBNet ID#**, if you currently have a project using CHIA data.

# Call for Topics and Presenters

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- If there is a **TOPIC** that you would like to see discussed at an MA APCD or Case Mix workgroup in 2019, contact Adam Tapply [adam.tapply@state.ma.us]
- If you are interested in **PRESENTING** at an MA APCD or Case Mix workgroup in 2019, contact Adam Tapply [adam.tapply@state.ma.us]  
You can present remotely, or in-person at CHIA.